

GA 2712
16/60
7/7/00
74508XNAB

RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 6 2000

GROUP 2700

In re Application of:

David Kessler, et al

ANTI-ALIASING LOW-PASS BLUR
FILTER FOR REDUCING
ARTIFACTS IN IMAGING
APPARATUS

Serial No. US 08/770,381

Filed December 3, 1996

Commissioner for Patents
Washington, D.C. 20231

Sir:

Group Art Unit: 2712

Examiner: J. Wilson

I hereby certify that this correspondence is being deposited today with the
United States Postal Service as first class mail in an envelope addressed to
Commissioner for Patents, Washington, D.C. 20231.

Tara M. Piccone

Tara M. Piccone

Date

10/28/00

AMENDMENT

In response to the Office Action mailed January 4, 2000, please
amend the above-identified application without prejudice as follows.In the Claims:Please ~~cancel~~ claim 7.1. (Amended) An imaging apparatus for generating an image
signal from incident light with higher spatial frequencies of said incident light
limited to reduce undersampling artifacts, said apparatus comprising:an image sensor for generating the image signal from an
array of photosites; [and]an optical section having a birefringent uniaxial crystal
[optical] spatial filter interposed in a path of the incident light which removes a
portion of said high spatial frequencies in said incident light to produce a blurred
image on said photosites, said birefringent uniaxial crystal optical filter
birefringence being greater than 0.05, and said birefringent uniaxial crystal optical
filter being lithium niobate[.] ; andwherein said spatial filter is comprised of a first plane plate
and at least a second plane plate of lithium niobate.